Name:

Teacher:

Honors Geometry, Period

**Honors Geometry**

HW 0 Day 3: Patterns + Google Classroom

**Directions:** Failure to use complete sentences will result in LaSalle. Remember: WHY > HOW > WHAT. If you get stuck do not leave the problem blank, attempt the problem, write down questions/ reasons you are stuck.

1. **Filling Up:**

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| --- |
| You arrive at a gas station and pay $50 for gas. This gives you 12.28 gallons of gas.   * What can you figure out from this information? * Can you determine the price of a gallon of gas? * Can you determine the capacity of your gas tank? |

1. **Earning Money:**

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| --- |
| On the 8th day of summer, Ricky had $212 in his bank account. On the 40th day of summer, he had $852.   * How much money did he have on the 20th day? * After how many days would he have $1,000? |
| *What assumptions did you make when solving this problem? Explain.* |

1. **Tile Patterns:** Find the next 3 figures in each sequence. Can you find an explicit formula to match each sequence?

|  |  |
| --- | --- |
|  |  |
| Formula: | Formula: |

**Sign up for Google Classroom! Make sure you read the directions for the class period you are in!**

|  |  |
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| **1st Period**   1. Sign in to Classroom at classroom.google.com. 2. On the Home page, click Add. 3. In the box, enter the code **1mdxouw** | **7th Period**   1. Sign in to Classroom at classroom.google.com. 2. On the Home page, click Add. 3. In the box, enter the code **zj5r9gj** |

Once you have joined the correct class period, answer the assigned questions on google classroom.

Having problems? Email me: [mpower@muchincollegeprep.org](mailto:mpower@muchincollegeprep.org)